



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Serial No.:** 10/777,205  
**Applicant:** Halliburton Energy Services, Inc.  
**Inventors:** Terrance Dean Maxwell et. al.  
**Filing Date:** February 13, 2004  
**Priority Date:** November 7, 2003  
**Title:** VARIABLE GAUGE DRILLING APPARATUS AND METHOD OF ASSEMBLY THEREOF  
**Group Art Unit:** 3672  
**Examiner:** Unknown  
**Confirmation No.:** 5770  
**Entity Status:** Large Entity  
**Our Docket:** 58029-147

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March 17, 2005

**TO: Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA  
22313-1450

**TRANSMITTAL LETTER**

Sir:

Attached hereto and transmitted herewith for filing are the following:


1. Supplemental Information Disclosure Statement for the above-identified patent application;
2. Information Disclosure Citation Form PTO/SB/08A (1 page);
3. Copies of the following documents:
  - (a) European Publication No. 0 452 126 A2
  - (b) International Publication No. WO 98/34003; and

(c) European Publication No. 0 497 422 A1.

4. A self-addressed card for return to our office to confirm the filing of the enclosed materials.

Respectfully submitted,

SMART & BIGGAR

By:   
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Applicant's Agent



**PATENT**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR §1.56, the Applicant encloses a completed *Information Disclosure Citation* form PTO/SB/08A (1 page) listing the prior art cited by the Applicant.

The Applicant also encloses copies of the following “foreign patent documents” listed in the *Information Disclosure Citation Form*:

- (a) European Publication No. 0 452 126 A2
- (b) International Publication No. WO 98/34003 and
- (c) European Publication No. 0 497 422 A1.

Copies of the newly cited references, U.S. Patent No. 2,783,028, U.S. Patent No. 5,603,386, U.S. Patent No. 3,180,437 and U.S. Patent No. 4,185,704, as noted on the *Information*

*Disclosure Citation Form*, are not provided herein in accordance with the waiver of the requirement under 37 CFR §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each cited U.S. application publication.

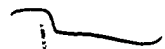
The undersigned agent hereby certifies that each item of information contained in this Supplemental Information Disclosure Statement is being provided prior to receiving a first Office Action on the merits of the Application from the U.S. Patent and Trademark Office.

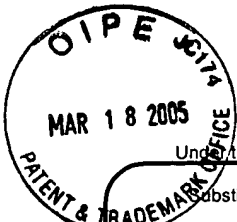
The undersigned agent hereby further certifies that each item of information contained in this Supplemental Information Disclosure Statement was cited in a corresponding application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

The Applicant respectfully requests that the examiner consider the enclosed prior art reference materials in the examination of this application.

Respectfully submitted,

SMART & BIGGAR

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/777,205
Filing Date	February 13, 2004
First Named Inventor	Terrance D. Maxwell
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	58029-147

Sheet 1 of 1

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,783,028	02-26-1957	Jamison et. al.	
		US- 5,603,386	02-18-1997	Webster	
		US- 3,180,437	04-27-1965	Kellner et. al.	
		US- 4,185,704	01-29-1980	Nixon, Jr.	
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0 452 126 A2	10-16-1991	Halliburton		
		WO 98/34003	08-06-1998	Baker Hughes		
		EP 0 497 422 A1	08-05-1992	Anadrill		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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